



IFed

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich  
App. No.: 10/536,560  
Conf. No.: 9481  
Filing Date: November 26, 2003  
371(c) Date: December 20, 2005  
Art Unit: 1635  
Examiner: SHIN, DANA H  
Title: BIOINFORMATIALLY  
DETECTABLE GROUP OF NOVEL  
VIRAL REGULATORY GENES  
AND USES THEREOF

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

5/28/08  
Date

  
Ron Galant, Ph.D.  
Registration No. 60,558

## TRANSMITTAL LETTER

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits herewith the following documents:

1. Amendment under 37 C.F.R. § 1.111 (3 sheets)
2. Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures
3. List of Applicant's patent applications (3 sheets)
4. Substitute Sequence Listing under 37 C.F.R. § 1.825(a), submitted on a compact disc (two copies of one compact disc) under 37 C.F.R. § 1.52(e)
5. Substitute copy of the Sequence Listing in Computer Readable Form (§ 1.821(e)), (one copy of one compact disc) submitted pursuant to § 1.825(b)
6. Transmittal Sheet for Submission of Compact Disc Pursuant to 37 C.F.R. § 1.52(e) (1 sheet)
7. Statement Regarding Substitute Sequence Listing Under 37 C.F.R. § 1.825(a) (1 sheet)
8. Statement Pursuant to 37 C.F.R. § 1.825(b) (1 sheet)
9. Transmittal Letter (1 sheet)
10. Return post card

Respectfully submitted,  
POL SINELLI SHALTON FLANIGAN SUELTHAUS PC

Dated: May 28, 2008

On behalf of: Teddy C. Scott, Jr., Ph.D.  
Registration No. 53,773

By:   
Ron Galant, Ph.D.  
Registration No. 60,558  
Customer No. 37808

POL SINELLI SHALTON FLANIGAN SUELTHAUS PC  
Two Prudential Plaza  
180 N. Stetson Ave., Ste. 4525  
Chicago, IL 60601  
312.819.1900 (main)  
312.873.3613 (direct)



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich  
App. No.: 10/536,560  
Conf. No.: 9481  
Filing Date: November 26, 2003  
371(c) Date: December 20, 2005  
Art Unit: 1635  
Examiner: SHIN, DANA H  
Title: BIOINFORMATICALLY  
DETECTABLE GROUP OF NOVEL  
VIRAL REGULATORY GENES  
AND USES THEREOF

## CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

Date

5/28/08

Ron Galant, Ph.D.

Registration No. 60,558

## LIST OF APPLICANT'S PATENT APPLICATIONS

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

	Application No.	Filed
1	60/329,110	10/12/01
2	60/329,111	10/12/01
3	60/329,112	10/12/01
4	60/329,114	10/12/01
5	60/329,115	10/12/01
6	09/976,911	10/12/01
7	PCT/IL2002/000818	10/12/02
8	60/521,433	04/26/04
9	60/521,563	05/25/04
10	60/522,300	09/14/04
11	60/522,454	10/03/04
12	60/522,453	10/03/04
13	60/522,762	11/04/04
14	PCT/IB2005/003493	04/26/05
15	11/114,879	04/26/05
16	60/743,098	01/05/06
17	60/743,339	02/22/06
18	60/803,028	05/23/06
19	60/806,404	06/30/06
20	60/822,371	08/14/06
21	60/850,455	10/10/06
22	60/871,095	12/20/06
23	PCT/IB2007/003732	06/27/07
24	10/293,338	11/14/02
25	10/310,914	12/06/02
26	10/321,503	12/18/02

27	10/345,201	01/16/03
28	60/468,251	05/07/03
29	10/604,726	08/13/03
30	10/604,727	08/13/03
31	10/604,926	08/27/03
32	10/605,923	08/28/03
33	10/649,653	08/28/03
34	10/605,924	08/29/03
35	10/651,227	08/29/03
36	10/604,985	08/29/03
37	PCT/IL2003/000970	11/16/03
38	10/535,164	07/24/06
39	10/707,147	11/24/03
40	10/707,975	01/29/04
41	10/707,980	01/29/04
42	10/708,204	02/16/04
43	10/708,953	04/02/04
44	60/521,484	05/05/04
45	10/709,572	05/14/04
46	10/709,577	05/14/04
47	60/522,452	10/03/04
48	60/522,449	10/03/04
49	60/522,457	10/04/04
50	60/522,860	11/15/04
51	60/593,081	12/08/04
52	60/593,329	01/06/05
53	60/662,742	03/17/05
54	60/665,094	03/25/05
55	60/666,340	03/30/05
56	PCT/IB2005/002383	05/14/05
57	11/130,645	05/16/05
58	60/593,696	02/07/05
59	60/728,161	10/19/05
60	11/275,628	01/19/06
61	60/739,522	11/23/05
62	PCT/IB2006/001400	02/07/06
63	11/384,049	03/17/06
64	11/883,892	08/07/07
65	60/785,403	03/23/06
66	11/418,870	05/04/06
67	11/418,875	05/04/06
68	11/418,718	05/04/06
69	11/429,720	05/08/06
70	60/825,247	09/11/06
71	PCT/IB2007/003116	05/04/07
72	60/886,851	01/26/07
73	PCT/US08/52086	01/25/08
74	10/303,778	11/26/02
75	10/310,188	12/05/02

76	60/441,241	01/17/03
77	60/441,230	01/17/03
78	60/457,788	03/27/03
79	10/604,945	08/27/03
80	10/604,942	08/27/03
81	10/604,943	08/28/03
82	10/604,944	08/28/03
83	10/604,984	08/29/03
84	10/707,003	10/30/03
85	10/605,840	10/30/03
86	10/605,838	10/30/03
87	PCT/IL2003/00998	11/26/03
88	10/536,560	12/20/05
89	10/708,952	04/02/04
90	10/709,739	05/26/04
91	60/522,451	10/03/04
92	60/522,450	10/03/04
93	60/522,459	10/04/04
94	PCT/IB2005/002352	05/26/05
95	11/511,035	08/28/06
96	60/868,666	12/05/06
97	60/971,265	09/11/07
98	PCT/US07/86511	12/05/07
99	10/708,951	4/2/2004
100	10/709,691	05/24/04
101	PCT/IB2005/002702	05/25/05
102	60/983,944	10/31/07
103	60/989,458	11/21/07
104	60/683,231	10/29/07
105	PCT/IL2008/000243	02/27/07
106	PCT/IL2008/000261	03/01/07
107	PCT/IL2008/000396	03/27/07
108	PCT/IL2008/000260	03/01/07
109	61/043,747	04/10/08
110	61/040,671	03/30/08

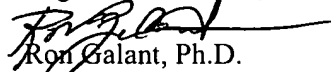
Respectfully submitted,  
POL SINELLI SHALTON FLANIGAN SUELTHAUS PC

Dated: May 28, 2008

On behalf of:

Teddy C. Scott, Jr., Ph.D.  
Registration No. 53,573

By:

  
Ron Galant, Ph.D.  
Registration No. 60,558  
Customer No. 37808

POL SINELLI SHALTON FLANIGAN SUELTHAUS PC  
Two Prudential Plaza  
180 N. Stetson Ave., Ste. 4525  
Chicago, IL 60601  
312.819.1900 (main)  
312.873.3613 (direct)



Application No.: 10/536,560

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 37 CFR §1.821(g). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. §§1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. §§1.821-1.825. Applicants attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a Sequence Listing as required by 37 C.F.R. §1.821(c).
- ☐ 3. A copy of the Sequence Listing in computer readable form has not been submitted as required by 37 C.F.R. §1.821(e).
- ☒ 4. A copy of the Sequence Listing in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. §1.822 and/or 1.823, as indicated on the attached copy of the marked-up Raw Sequence Listing.
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. §1.825(d).
- ☐ 6. The paper copy of the Sequence Listing is not the same as the computer readable form of the Sequence Listing as required by 37 C.F.R. §1.821(e).
- ☒ 7. Other: The CRF filed on June 18, 2007 is found to contain errors and thus could not be accepted. See the attached error report.

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the Sequence Listing. (If the unidentified sequences are not provided on the CRF)
- ☒ An initial or substitute paper copy of the Sequence Listing, as well as an amendment directing its entry into the specification. (If the unidentified sequences are not provided in the paper copy)
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. §1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d). (If a new paper and/or CRF are required)

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Itzhak Bentwich

App. No.: 10/536,560

Conf. No.: 9481

Filing Date: November 26, 2003

371(c) Date: December 20, 2005

Art Unit: 1635

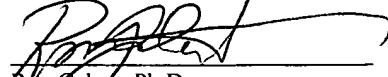
Examiner: SHIN, DANA H

Title: BIOINFORMATICALLY DETECTABLE  
GROUP OF NOVEL VIRAL  
REGULATORY GENES AND USES  
THEREOF

## CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

5/28/08  
Date

  
Ron Galant, Ph.D.  
Registration No. 60,558

## TRANSMITTAL SHEET FOR SUBMISSION OF COMPACT DISCS UNDER 37 C.F.R. § 1.52(e)

## MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith are two copies of one compact disc (IBM-PC format, MS-Windows format) containing a substitute Sequence Listing submitted under 37 C.F.R. § 1.825(a). The contents of the compact disc are as follows:

File Name	Size	Date of File
Patent14 Viruses PCT PatentIn amended Jun 07 full list.txt	63,784 KB	June 4, 2007

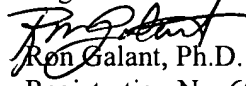
Pursuant to 37 C.F.R. § 1.52(e)(4), Applicant hereby states that the two copies of the compact disc are identical.

Respectfully submitted,

POL SINELLI SHALTON FLANIGAN SUELTHAUS PC

Dated: May 28, 2008

On behalf of: Teddy C. Scott, Jr., Ph.D.  
Registration No. 53,573

By:   
Ron Galant, Ph.D.  
Registration No. 60,558  
Customer No. 37808

POL SINELLI SHALTON FLANIGAN SUELTHAUS PC  
180 N. Stetson Ave., Suite 4525  
Chicago, IL 60601  
312.819.1900 (main)  
312.602.3955 (E-fax)  
312.873.3613 (direct)